



\*\*FILE\*\* ID\*\*RM1DISCON

G 10

RRRRRRRR RR MM MM 11 DDDDDDDD IIIIII SSSSSSSS CCCCCCCC 000000 NN NN  
RRRRRRRR RR MM MM 11 DDDDDDDD IIIIII SSSSSSSS CCCCCCCC 000000 NN NN  
RR RR RRRR MMMM MMMM 1111 DD DD II SS CC 00 00 NN NN  
RR RR RRRR MMMM MMMM 1111 DD DD II SS CC 00 00 NN NN  
RR RR RRRR MM MM MM 11 DD DD II SS CC 00 00 NNNN NN  
RR RR RRRR MM MM MM 11 DD DD II SS CC 00 00 NNNN NN  
RRRRRRRR MM MM 11 DD DD II SSSSSS CC 00 00 NN NN NN NN  
RRRRRRRR MM MM 11 DD DD II SSSSSS CC 00 00 NN NN NN NN  
RR RR RRRR MM MM 11 DD DD II SS CC 00 00 NN NNNN NNNN  
RR RR RRRR MM MM 11 DD DD II SS CC 00 00 NN NNNN NNNN  
RR RR RRRR MM MM 11 DD DD II SS CC 00 00 NN NN NN  
RR RR RRRR MM MM 11 DD DD II SS CC 00 00 NN NN NN  
RR RR RRRR MM MM 111111 DDDDDDDD IIIIII SSSSSSSS CCCCCCCC 000000 NN NN  
RR RR RRRR MM MM 111111 DDDDDDDD IIIIII SSSSSSSS CCCCCCCC 000000 NN NN

(2) 53  
(3) 75

DECLARATIONS  
RM\$DISCONNECT1 - SEQ. FILE ORG. SPECIFIC DISCONNECT CODE

0000 1 \$BEGIN RM1DISCON,000,RMSRMS1,<DISCONNECT FOR SEQ. ORG.>  
0000 2  
0000 3 \*\*\*\*\*  
0000 4 \*  
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0000 22 \*  
0000 23 \*  
0000 24 \*\*\*\*\*  
0000 25  
0000 26 ++  
0000 27 FACILITY: RMS32  
0000 28  
0000 29 ABSTRACT: Module to give back all storage associated with IRAB.  
0000 30  
0000 31  
0000 32  
0000 33 ENVIRONMENT: STAR processor running STARLET EXEC.  
0000 34  
0000 35  
0000 36 AUTHOR: L F Laverdure, CREATION DATE: 31-Mar-1977  
0000 37  
0000 38 MODIFIED BY:  
0000 39  
0000 40 V03-001 KBT0138 Keith B. Thompson 20-Aug-1982  
0000 41 Reorganize psects  
0000 42  
0000 43 V02-008 REFORMAT Frederick E. Deen, Jr. 25-Jul-1980  
0000 44 This code was reformatted to adhere to RMS standards  
0000 45  
0000 46 V007 PSK001 P S Knibbe 05-Dec-1979  
0000 47 On foreign magtapes the IRBSV\_EOF bit is moved into  
0000 48 the IFBSV\_EOF bit.  
0000 49  
0000 50 --  
0000 51

0000 53 .SBTTL DECLARATIONS  
0000 54  
0000 55  
0000 56 : INCLUDE FILES:  
0000 57  
0000 58  
0000 59  
0000 60 : MACROS:  
0000 61  
0000 62  
0000 63 \$IFBDEF  
0000 64 \$IRBDEF  
0000 65 \$DEVDEF  
0000 66  
0000 67  
0000 68 : EQUATED SYMBOLS:  
0000 69  
0000 70  
0000 71 : OWN STORAGE:  
0000 72  
0000 73

0000 75 .SBTTL RMSDISCONNECT1 - SEQ. FILE ORG. SPECIFIC DISCONNECT CODE  
0000 76  
0000 77 ++  
0000 78 RMSDISCONNECT1 - Sequential file organization specific DISCONNECT code  
0000 79  
0000 80 1.0 If not doing BLOCK I/O, call RMSWTLST1 to write out last  
0000 81 block with padding and extending as required.  
0000 82 2.0 If disk reset IFBSV\_EOF.  
0000 83 2.5 If foreign magtape, move IRBSV\_EOF bit to IFBSV\_EOF bit  
0000 84 3.0 Jump to RMSDISCOMMON  
0000 85  
0000 86 CALLING SEQUENCE:  
0000 87  
0000 88 BSBW RMSDISCONNECT1  
0000 89  
0000 90 (entered at RMSDISCONNECT1 via case branch from  
0000 91 RMSDISCONNECT with return PC on STACK)  
0000 92  
0000 93 INPUT PARAMETERS:  
0000 94  
0000 95 R11 IMPURE AREA address  
0000 96 R10 IFAB address  
0000 97 R9 IRAB address  
0000 98 R8 RAB address  
0000 99  
0000 100 IMPLICIT INPUTS:  
0000 101  
0000 102 The contents of the various RMS internal structures  
0000 103  
0000 104 OUTPUT PARAMETERS:  
0000 105  
0000 106 R0 STATUS CODE  
0000 107 R1-R7,AP destroyed  
0000 108  
0000 109 IMPLICIT OUTPUTS:  
0000 110  
0000 111 IFBSV\_EOF cleared  
0000 112 The implicit outputs of RMSWTLST1  
0000 113  
0000 114 COMPLETION CODES:  
0000 115  
0000 116 Standard RMS  
0000 117  
0000 118 SIDE EFFECTS:  
0000 119  
0000 120 May be running at AST level.  
0000 121 ;--  
0000 122

				0000	124	RMSDISCONNECT1::			
				0000	125	STSTPT DISCON1			
OC	50	01	D0	0006	126	MOVL #1, R0	; anticipate success		
	69	22	E0	0009	127	BBS #IRBSV_PPF_IMAGE,(R9),10\$	; branch if indirect PPF		
07	22	AA	05	E0	000D	128		; to avoid write	
	03	69	27	E0	0012	129	BBS #IFBSV_BIO,IFBSB_FAC(R10),10\$	; branch if BLOCK I/O	
					0016	130	BBS #IRBSV_BIO_LAST,7R9),10\$	; branch if last operation	
					0016	131		was a BLOCK I/O operation	
					0016	132		(mixed block and rec. ops)	
	FFE7'	30	0016		133	BSBW	RMSWTLST1	; write last block if needed	
	1C	E1	0019		134	10\$: BBC	#DEV\$V RND,-		
04	6A		001B		135		IFBSL PRIM_DEV(R10),15\$	; branch if not disk	
					136	CSB	#IFBSV_EOF,(R10)		
10	05	E1	0021		137	15\$: BBC	#DEV\$V_SQD,-	; clear EOF flag	
	6A		0023		138		IFBSL PRIM_DEV(R10),20\$	; branch if not magtape	
	18	E1	0025		139	BBC	#DEV\$V_FOR,-		
OC	6A		0027		140		IFBSL PRIM_DEV(R10),20\$	; branch if not foreign	
					141	CSB	#IFBSV_EOF,(R10)		
04	69	21	E1	002D	142	BBC	#IRBSV_EOF,(R9),20\$	; assume it's not at EOF	
				0031	143	SSB	#IFBSV_EOF,(R10)	; that's right	
09	22	AA	FFC8'	30	0035	144	20\$: BSBW	#IFBSV_COMMON	; nope - set IFAB bit
	05	E1	0038		145	BBC	#IFBSV_BIO,IFBSB_FAC(R10),30\$	; go finish up	
				003D	146			; branch if not BLOCK I/O	
				003D	147	:			
				003D	148	: This connect was for BLOCK I/O.			
				003D	149	: Reset to BRO if also set.			
				003D	150	:			
04	22	AA	06	E1	003D	151			
	22	AA	20	8A	0042	152	BBC	#IFBSV_BRO,IFBSB_FAC(R10),30\$	; branch if BRO not also set
				05	0046	153	BICB2	#IFBSM_BIO,IFBSB_FAC(R10)	; clear BIO
				0047	154	30\$: RSB		; return to caller	
					155	.END			

RM1DISCON  
Symbol table

DISCONNECT FOR SEQ. ORG.

M 10

16-SEP-1984 00:47:00 VAX/VMS Macro V04-00  
5-SEP-1984 16:23:17 [RMS.SRC]RM1DISCON.MAR;1

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\$\$.PSECT EP  
\$\$RMSTEST  
\$\$RMS\_PBUGCHK  
\$\$RMS\_TBUGCHK  
\$\$RMS\_UMODE  
DEV\$V\_FOR  
DEV\$V\_RND  
DEV\$V\_SQD  
IFBSB\_FAC  
IFBSL\_PRIM\_DEV  
IFBSM\_BIO  
IFBSV\_BIO  
IFBSV\_BRO  
IFBSV\_EOF  
IRBSV\_BIO\_LAST  
IRBSV\_EOF  
IRBSV\_PPF IMAGE  
PIOSA\_TRACE  
RMSDI\$COMMON  
RMSDISCONNECT1  
RMSWTLS1  
TPT\$L\_DISCON1

= 00000000  
= 0000001A  
= 00000010  
= 00000008  
= 00000004  
= 00000018  
= 0000001C  
= 00000005  
= 00000022  
= 00000000  
= 00000020  
= 00000005  
= 00000006  
= 00000021  
= 00000027  
= 00000021  
= 00000022  
\*\*\*\*\* X 01  
\*\*\*\*\* X 01  
00000000 RG 01  
\*\*\*\*\* X 01  
\*\*\*\*\* X 01

+-----+  
! Psect synopsis !  
+-----+

PSECT name	Allocation	PSECT No.	Attributes																	
ABS	00000000	( 0.)	00 ( 0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE						
RMSRMS1	00000047	( 71.)	01 ( 1.)	PIC	USR	CON	REL	GBL	NOSHR	EXE	RD	NOWRT	NOVEC	BYTE						
SABSS	00000000	( 0.)	02 ( 2.)	NOPIC	USR	CON	ABS	LCL	NOSHR	EXE	RD	WRT	NOVEC	BYTE						

+-----+  
! Performance indicators !  
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	36	00:00:00.07	00:00:00.92
Command processing	137	00:00:00.68	00:00:04.70
Pass 1	201	00:00:04.38	00:00:15.95
Symbol table sort	0	00:00:00.54	00:00:01.01
Pass 2	43	00:00:00.82	00:00:02.89
Symbol table output	4	00:00:00.02	00:00:00.11
Psect synopsis output	1	00:00:00.02	00:00:00.08
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	424	00:00:06.56	00:00:25.67

The working set limit was 1200 pages.

22790 bytes (45 pages) of virtual memory were used to buffer the intermediate code.

There were 30 pages of symbol table space allocated to hold 444 non-local and 7 local symbols.

155 source lines were read in Pass 1, producing 13 object records in Pass 2.

15 pages of virtual memory were used to define 14 macros.

RM1DISCON  
VAX-11 Macro Run Statistics

DISCONNECT FOR SEQ. ORG.

N 10

16-SEP-1984 00:47:00 VAX/VMS Macro V04-00  
5-SEP-1984 16:23:17 [RMS.SRC]RM1DISCON.MAR;1

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+-----+  
! Macro library statistics !  
+-----+

Macro library name

\$255\$DUA28:[RMS.OBJ]RMS.MLB;1  
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1  
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2  
TOTALS (all libraries)

Macros defined

6  
0  
4  
10

531 GETS were required to define 10 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:RM1DISCON/OBJ=OBJ\$:RM1DISCON MSRC\$:RM1DISCON/UPDATE=(ENH\$:RM1DISCON)+EXECML\$/LIB+LIB\$:RMS/LIB

0321 AH-BT13A-SE  
VAX/VMS V4.0

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LIS

RMIJOURNL  
LIS